

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A driving apparatus for a plasma display panel, comprising:
a set-up supplier for supplying a rising ramp waveform to scan electrodes in an initialization period and for supplying a positive enhancing pulse to the scan electrodes during an enhancing period following said initialization period; and
a negative voltage supplier for supplying a falling ramp waveform to the scan electrodes in the initialization period and for supplying a negative enhancing pulse to the scan electrodes during the enhancing period.
2. – 8. (Canceled)
9. (New) A plasma display device comprising:
a plasma display panel (PDP) having scan electrodes and sustain electrodes to form a plurality of electrode pairs; and

a first driving circuit that initialize discharge cells by applying a first signal having a first gradually rising waveform to the scan electrodes during a reset period of at least one sub-field;

wherein the first driving circuit applies a second signal having a second gradually rising waveform, which has a lower maximum voltage value than that of the first signal, to the scan electrodes before an address period of the at least one sub-field.

10. (New) The plasma display device as set forth in claim 9, wherein the lower maximum voltage value is lower than a sustain voltage applied to the scan electrodes or sustain electrodes in sustain period of the at least one sub-field.

11. (New) The plasma display device as set forth in claim 9, wherein a difference of maximum voltage value between the first signal and the second signal is substantially the same as a sustain voltage applied to the scan electrodes or sustain electrodes in sustain period of at least one sub-field.

12. (New) The plasma display device as set forth in claim 9, wherein a slope of the first gradually rising waveform is substantially the same as a slope of the second gradually rising waveform.

13. (New) The plasma display device as set forth in claim 9, wherein a ground voltage is applied to the sustain electrodes when the second gradually rising waveform is provided to the scan electrodes.

14. (New) The plasma display device as set forth in claim 9, wherein the first signal further comprises a first gradually falling waveform after the first gradually rising waveform.

15. (New) The plasma display device of claim 14, wherein the second signal further comprises a second gradually falling waveform after the second gradually rising waveform.

16. (New) The plasma display device of claim 15, wherein the first gradually falling waveform is provided until a voltage provided to the scan electrodes reaches a first voltage, and the second gradually falling waveform is provided until the voltage reaches a second voltage value, wherein the first and second voltages are different.

17. (New) The plasma display device of claim 16, wherein the second voltage is greater than the first voltage.

18. (New) The plasma display device as set forth in claim 14, wherein a voltage substantially similar to a sustain voltage provided to the scan or sustain electrodes during the sustain period is provided to the sustain electrodes when the first gradually falling waveform is applied to the scan electrodes.

19. (New) A method of driving a plasma display panel based on a plurality of sub-fields, the plasma display panel having a plurality of discharge cells, and each cell having a scan electrode and a sustain electrode, comprising:

providing a first signal to the scan electrode during an initialization period of at least one sub-field;

providing a second signal to the scan electrode after the first signal;

providing a scan signal to the scan electrode during an address period of the at least one sub-field, the scan signal being provided after the second signal;

providing at least one sustain signal to at least one of the scan electrode or the sustain electrode during a sustain period of the at least one sub-field, wherein

the first signal has a first peak voltage value, and the second signal has a second peak voltage value, wherein the first and second peak voltage values are different from each other.

20. (New) The method of claim 19, wherein the first signal has a first ramp-up signal, and the second signal has a second ramp-up signal.

21. (New) The method of claim 20, wherein the first signal has a first ramp-down signal.

22. (New) The method of claim 21, wherein the second signal has a second ramp-down signal.

23. (New) The method of claim 20, wherein a ground voltage is provided to the sustain electrode when the second signal is provided to the scan electrode.

24. (New) The method of claim 20, wherein a sustain voltage is provided to the sustain electrode when the first signal is provided to the scan electrode.

25. (New) The method of claim 22, wherein a lowest voltage of first ramp-down signal is lower than a lowest voltage of the second ramp-down signal.